

REMARKS

A review of the claims indicates that:

- A) Claim 25 is currently amended.
- B) Claims 1—24, 26, 28, 29 and 33—44 are cancelled.
- C) Claims 27 and 30—32 are previously presented.

In view of the following remarks, Applicant respectfully requests reconsideration of the rejected claims and withdrawal of the rejections.

Informal Telephone Interview

The Applicant's attorney thanks the Examiner for allowing several minutes in an Informal Interview to discuss the Final Rejection on 08/31/2007.

In that interview, the Applicant's attorney suggested that Claim 25 could be narrowed by incorporating various elements of color test pattern scanning that are disclosed at page 17 of the Applicant's specification, Figs. 6—9 and other locations.

The Examiner agreed that it was very likely that such a claim amendment, presented in an after-final amendment, may put the case into condition for allowance. However, the Examiner noted that the claim would have to be reviewed, and that the case was to be transferred to an examiner working for the Examiner, who is now moving to a supervisory role. Accordingly, the Examiner asked to be notified when the Response was filed, so that it could be reviewed with the new examiner. This process would determine if the rejection had been overcome.

Amendments to Claim 25

The Applicant has amended Claim 25 according to the discussion of 08/31/2007. The Applicant would like to indicate the support in the specification and drawings for all amendments. This discussion follows.

The Applicant has amended the preamble to recite both printing and optically scanning a test pattern. Scanning of the test pattern is supported by the specification at page 17, line 1 and other locations. For example, in Figs. 6—9, lines 80—87, 90—93, 95—99 and 100—103 all disclose scan directions and locations.

Claim 25 has been amended to recite, “wherein the color ramps on each row are bounded on left and right sides by wide mark patches”, at lines 9—10 (wherein line numbers are as marked on the left side of the page). The “wide mark patches” are discussed at page 17 of the specification, and have reference designators 43 and 44 in Figs. 6 and 7, and are shown but not labeled in Figs. 8 and 9.

Claim 25 has been amended to recite, “such that cyan color ramps are put on a row apart from a row comprising other color ramps of other colors”, at lines 14—16. Support for putting cyan color ramps on a row apart from other color ramps of other colors is seen, for example, in the specification at page 17, lines 16—18 and at Fig. 8 wherein the row with the cyan color ramps 38 is separate from the row with the other color ramps 35—37.

Claim 25 has been amended to recite, “optically scanning the printed test pattern”, at line 18. As noted above, optical scanning of the test pattern is supported by the specification at page 17, line 1 and other locations. For example,

1 in Figs. 6—9, lines 80—87, 90—93, 95—99 and 100—103 all disclose scan
2 directions and locations.

3 Claim 25 has been amended to recite, “locating wide mark patches using an
4 optical sensor by performing a media movement in an X-axis direction”, at lines
5 20—21. The use of an optical sensor is supported in the Applicant’s specification
6 at page 17, lines 1—2 and at Figs. 1, 2 and 4. The use of a media movement in the
7 X-axis direction is seen at page 17, lines 4—6.

8 Claim 25 has been amended to recite, “rapidly scanning the color ramps to
9 determine if a distance between the left and right wide mark patches is as
10 expected”. The use of rapid scanning to check the distance between wide mark
11 patches is seen at page 17, lines 6—8.

12 Claim 25 has been amended to recite, “scanning more slowly in both left
13 and right directions to obtain a densitometric value for ink density of each color
14 ramp”. The use of a slow scan for densitometric value is seen at page 17, lines 8—
15 10.

16 Claim 25 has been amended to recite, “wherein scanning more slowly is
17 performed with an amber LED when scanning cyan color ramps and a blue LED
18 when scanning color ramps of other colors”. Slow scanning with an amber and
19 with a blue LED is supported by the specification at page 17, lines 9 (slow speed)
20 and 24—29 (amber and blue LED).

21 Claim 25 has been amended to recite, “wherein scanning a blank area on an
22 approach to the cyan color ramps put on the row apart from color ramps of other
23 colors is performed more rapidly than scanning the cyan color ramp”. Scanning
24
25

1 quickly until contact with the cyan color ramps is disclosed at page 17, lines 27—
2 29, and is scan 98 of Fig. 8.

3 Accordingly, the Applicant respectfully submits that the claim amendments
4 are all fully supported.

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6 **Conclusion**

7 In view of the informal interview with the Examiner on 08/31/2007, the
8 Applicant respectfully submits that the claims are in condition for allowance. If
9 some issue(s) remain, the Applicant respectfully requests a telephone call to see if
10 they may be resolved.

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12 Respectfully Submitted,

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